

Metal	
Arsenic	
Copper	
Manganese	
Molybdenum	
Lead	
Zinc	

NC = not calculated due to infrequent detection

<LOD = all samples less than limit of detection

*McDermott concentrations reported in Table 1 were converted from ug/kg (ppb) to ug/g (ppm)

**Result reported in terms of infant body weight, not as concentration; cannot be directly compared without adjustment

***Results reported in terms of total metal (expressed as concentration assuming the mean reported mass of stool 8.9 g)

Meconium Concentration (µg/g)								
McDermott et al. (2019)*		MIREC (Arbuckle et al. 2016/ Ettinger et al. 2017)			Aziz et al. 2017	Turker et al. 2013	Haram- Mourabet 1998	Baranowski 1996
Butte, Median	Columbia, Median	Median	95th %tile	Maximum	Mean Range by Location	Surviving, Median	Mean Range by Gestational Age	Control Mean
0.032	<LOD	NC	0.02	0.55	---	---	---	---
26.311	0.01468	---	---	---	1.6 - 28.7	**	90.3 - 154.2	15.2
5.364	0.00325	4.9	15	40	---	---	9.5 - 35.8	---
0.059	<LOD	---	---	---	---	---	---	---
NC (0.005+)	<LOD	NC	0.0085	0.48	1.2 - 14.4	**	---	0.0047
81.642	0.04334	---	---	---	9.5 - 160.3	**	156.4 - 365.4	68

Friel 1989
Mean, full-term***

27.5
7.0

107.5